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British Hang Gilding and Paragliding Association Ltd

8 Merus Court Tel (0116) 289 4316 Meridian Business Park Leicester LE19 1RJ www.bhpa.co.uk



Assessment Pro-forma

When completed the CFI/CAC £20 for all assessments. PART 1 To be completed		ges to	the BHPA Off	ice with	n the Re	egistratior	n fee. Stan	dard fee of
Candidate's name			1/ship No	Telephone No				
Type of assessment								
Assessor/s			1					
I confirm that the candidate verification:	has met all the pre-	requisi	tes and prod	luced t	he folk	owing do	cuments	for
			AEI Duai	Dual Pilot	- 1	erotow	Tow Coach	Operator
a) BHPA valid Instructor lice			N/A	N/A		V/A	N/A	N/A
b) Copy of the relevant Tec				N/A	_			N/A
c) Instructor Log Book/Oped) Valid Driving Licence	rator Log		N/A	N/A N/A	N.	I/A	N/A	
e) Flight Log Book			IN/A	INZA		U.A.	I IV/A	N/A
f) First Aid Certificate (*)				N/A				
g) Pilot rating in the relevan								N/A
h) Proof of training course of	completed		-		-		-	1174
i) Coach Coursej) Valid UK Pilot's licence (for Ae			N/A	N/A N/A	-+	N/A	N/A	N/A
PART 2 Assessor's recorded The assessment fee $(£20)$ is candidate's Instructor Log E	s attached - please r		• .	g (I hav	ve ente	red the (details in 1	the
	DISCIPLINE:	Н	G□ P	G 🗆	P	A 🗆		
AEI (Dual Only)*:	HILL		TOW			AERO [*]	TOW	
Dual Pilot licence *:	HILL		TOW			AERO ⁻	TOW	
Coach Licence:	TOW		AEROTOV	٧		POWE	R	
Senior Coach:	HILL		(All other	Senior	Coach	licence	by Examir	nation)
Operator: (Tug Pilot Only)	AEROTOW TUG (Flexwing)		AEROTOV (3 Axis)	V TUG				
Operator: MOE	BILE/PAYOUT WINCH		STATIC W	/INCH		VEHIC	LE	
* Refer to BHPA Technical Man	ual for Examination/Ass	essmer	nt requirement	is				
Signed (Assessor):					Date .			
Name (Print):					Memb	er No		

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Instructions to Assessors

The CFI/CAC/CTC should ensure that all Instructors duly appointed as Assessors within the school or club are fully qualified, are in current practice and that they understand their role and responsibilities.

It is not necessary for the candidate to make formal application through the BHPA for assessment - the school or club can be approached direct.

The CFI/CAC/CTC must ensure that any and all training is completed, and the necessary log entries recorded, before allowing the assessment to be carried out.

It must be clearly understood by the Assessor and candidate which license or extension is being sought and the type clearly entered on page 1 of the attached pro-forma.

The Assessor should complete the relevant check boxes on page 1, checking log records where necessary. All other certificates should be current and valid.

Before the assessment starts the candidate must be briefed on what to expect and what their responsibilities are it is, for instance, expected that they would take all operational decisions; the Assessor intervening only if safety is threatened.

The assessment should be conducted in a logical sequence, covering the general areas shown. Where the Assessor detects a weakness it must be explored to determine whether safety is jeopardised. Catch questions or scenarios are not allowed, nor is the introduction of deliberately unsafe situations or equipment.

Assessors must avoid turning the assessment into a training event - the candidate's performance should be judged by objectively scoring relative to a sensible standard. Candidates who break a Safety Requirement and potential Operators who fail to carry out Emergency Procedures near-faultlessly should be failed automatically and the assessment should stop.

On completion of the assessment the candidate should be debriefed on their strengths and weaknesses and, if failed, the reasons must be given verbally and recorded on the pro-forma.

If successful the details must be entered clearly in the candidate's Instructor Log Book.

Finally, the completed pro-forma must be returned to the BHPA Office for recording and for the Chief Examiner's scrutiny.

ALTHOUGH NO ASSESSMENT FEE IS PAYABLE BY THE CANDIDATE - THE REGISTRATION FEE OF £20 AND INSURANCE SUPPLEMENT(S) AS APPROPRIATE MUST ACCOMPANY THE ASSESSMENT PAPERWORK.

Date Rec'd.

Chq/CC/Paypal/ BT

Checked/Entd.

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ASSESSMENT- DUAL PILOT / AEI (Dual) Refer to BHPA Technical Manual for Examination / Assessment requirements

Candidates Name:	BHPA No:	o: Date:			
PRACTICAL ELEMENT					
INTRODUCTION - points covered Risk warning General description/brief Any Infirmities/disabilities	Poor	Fair	Avg	Good	V Good
PRE-FLIGHT REQUIREMENTS Ability to assess conditions Site assessment Selection of launch point Proximity of hazards Equipment Daily Inspection Check co-flyer's: Footware suitability Clothing suitability Helmet fitting Combined weight within glider weight range? Flight plan	Poor	Fair	Avg	Good	V Good
GROUND TRAINING Harness fitting Launch drills Landing drills	Poor	Fair	Avg	Good	V Good
BRIEFINGS (minimum standard 'Good') Flight plan Take-off Explanations during flight Landing (including, for PG, post landing deflations) Emergencies Debriefings	Poor □ □ □ □ □ □ □ □ □	Fair	Avg	Good	V Good
FLIGHT ABILITY (minimum standard 'Good') (You are expected to see the pilot fly a minimum reverse launch methods, plus one solo flight if hi and controlled landings).					
Pre-flight checks Forward inflation Ground control Take-off Reverse inflation Ground control Take-off Under-tow (tow launch only) On release (tow launch only) In free flight During turns Whilst soaring/ridge flying (hill launch only) Set exercise (s) Landing Recovery Ability to assess height Landing accuracy (within 10 metres)	Poor	Fair	Avg	Good	V Good

Assessment - Dual Pilot / AEI (Dual)					Page 2 o
EMERGENCY PROCEDURES (Tow launch only) Correctly state procedures for dealing with:	Poor	Fair	Avg	Good	V Good
slow rotations/drifting off line slowly fast rotations/ turning off line quickly low or ground level rotations tip cell collapse partial deflations					
Understanding of: release failure causes release failure remedies ground drag on tow line Use of quick-outs if supplied					
INTERVIEW ELEMENT				لسا	
PRE-OPERATIONAL REQUIREMENTS Understand/define: who is in charge and why need to stress risk factor of sport the Dual Pilot's legal responsibilities Understand the need to check the co-flyer for signs of:	_	Fair	Avg	Good	V Good
drink drugs fatigue peer pressure abnormal apprehension					
EMERGENCIES AND PROBLEM AREAS Causes of rotation on tow (Tow Importance of wing position relative to tow line Importance of wing position relative to tow line Importance of wing position relative to tow line Importance only) Problems associated with: tall/short co-flyer heavy/light co-flyer Effect of different pilot weights on risers/spreaders Strong conditions - use of ground crew for take - off and	Poor	Fair	Avg	Good	V Good
landing. Knowledge of use of alternative controls					
AIR LAW AND AIRMANSHIP Explain fully the collision avoidance rules (minimum standard 'V Good')	Poor	Fair □	Avg	Good	V Good □
Explain the effects of: a) higher wing loading on: air speed					
Dealing with groups					

Assessment - Dual Pilot / AEI (Dual)					Page 3 of 3
DUAL FLYING REGULATIONS	Poor	Fair	Avg	Good	V Good
Explain accurately - membership requirements					
tuition and 'valuable consideration'					
age limits					
parental permission					
briefing responsibility					
flight log recording responsibility					
hill launch assistant					
equipment - certification					
- harnesses					
- emergency parachutes	s 🗆				
BHPA insurance coverage					

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ASSESSMENT - COACH (AEROTOW)

Candidates Name:	BHPA No:		D		
PRACTICAL ELEMENT					
PREPARATION AND TRAINING Selection of launch point Ability to assess conditions Briefing of support crew Qualities of candidate as coach	Poor	Fair	Avg	Good	V Good
EQUIPMENT Ability to assess equipment serviceability Awareness of harness tow point attachments Weak links usage	Poor	Fair	Avg	Good	V Good
COMMUNICATIONS Pre-flight check monitoring Signal relaying Action in event of line break Supervision technique	Poor	Fair	Avg	Good	V Good
PERSONAL FLYING ABILITY Glider control - take off - under tow - in free flight - set exercise performance - landing - recovery Demonstrate a knowledge of gliders used	Poor	Fair	Avg	Good	V Good
PRE-OPERATIONAL REQUIREMENTS Understanding who is in charge and why	Poor	Fair	Avg	Good □	V Good □
Understanding of obligation to check: - A T C - weather forecast - local authorities Location of telephones and medical services First Aid cover Knowledge of BHPA Structure/systems Awareness of membership schemes & regulations					
PRE-FLIGHT REQUIREMENTS Launch point selection and hazards to avoid Need to reconnoitre tow run Wind limitations Proximity to water and precautions needed Water and tree landing precautions Knowledge of ground crew duties	Poor	Fair	Avg	Good	V Good

Assessment - Coach (Aerotow)					Page 2 o
INTERVIEW ELEMENT (Continued)					
INCIDENT PROCEDURES	Poor	Fair	Avg	Good	V Good
Why the need to report - when and to whom					
Knowledge and use of the Incident Report form					
Need for quick reporting in severe cases					
CARE & MAINTENANCE OF EQUIPMENT	Poor	Fair	Avg	Good	V Good
Knowledge of weakness of release systems					
Knowledge of glider trimming techniques					
KNOWLEDGE AND UNDERSTANDING					
OF RELEVANT SAFETY REQUIREMENTS	Poor	Fair	Avg	Good	V Good
General					
Aerotow launch					
Specific bans					
Recommended Practices					
Purpose of weak link					

Purpose of weak link Permitted weak link values

FLIGHT SAFETY AND AIRMANSHIP

Awareness of other sports in close proximity

Understanding of dangers from other aircraft Understanding of Airspace Restrictions

Basic airfield procedure and signals

Poor

Fair

Avg

Good

V Good

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ASSESSMENT - COACH (TOW)

Candidates Name:	BHPA NO	7	L		
PRACTICAL ELEMENT					
PREPARATION AND TRAINING Selection of launch point Ability to assess conditions Briefing of support crew Qualities of candidate as coach	Poor	Fair	Avg	Good	V Good
EQUIPMENT Ability to assess equipment serviceability Awareness of harness tow point attachments	Poor	Fair	Avg	Good	V Good
COMMUNICATIONS Pre-flight check monitoring Signal relaying Action in event of line break Supervision technique	Poor	Fair	Avg	Good	V Good
PERSONAL FLYING ABILITY Canopy/glider control - take off - under tow - in free flight - set exercise performance - landing - recovery Demonstrate a knowledge of canopies/gliders used	Poor	Fair	Avg	Good	V Good
INTERVIEW ELEMENT					
PRE-OPERATIONAL REQUIREMENTS Understanding who is in charge and why Understanding of obligation to check: - A T C - weather forecast - local authorities Location of telephones and medical services First Aid cover Knowledge of BHPA Structure/systems Awareness of membership schemes & regulations	Poor	Fair	Avg	Good	V Good
PRE-FLIGHT REQUIREMENTS Launch point selection and hazards to avoid Need to reconnoitre tow run Blow-back precautions Wind limitations for pilot ability/weight Proximity to water and precautions needed Water and tree landing precautions Knowledge of ground crew duties Importance of landing position/landing roll practice	Poor	Fair	Avg	Good	V Good

1		
1	Assessment - Coach (Tow)	Page 2 of 2
1		_

INTERVIEW ELEMENT (Continued)

INCIDENT PROCEDURES	Poor	Fair	Avg	Good	V Good
Why the need to report - when and to whom					
Understanding of need to investigate cause of emerge	ency 🗆				
Knowledge and use of the Incident Report form					
Need for quick reporting in severe cases					
Ability to assess the severity of injuries					
CARE & MAINTENANCE OF EQUIPMENT	Poor	Fair	Avg	Good	V Good
Knowledge of weakness of release systems					
Knowledge of canopy/glider trimming techniques					
KNOWLEDGE AND UNDERSTANDING					
OF RELEVANT SAFETY REQUIREMENTS	Poor	Fair	Avg	Good	V Good
General					
Tow launch					
Specific bans					
Recommended Practices					
Purpose of weak link					
Permitted weak link values					
FLIGHT SAFETY AND AIRMANSHIP	Poor	Fair	Avg	Good	V Good
Basic airfield procedure and signals					
Awareness of other sports in close proximity					
Understanding of dangers from other aircraft					
Understanding of Airspace Restrictions					

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ASSESSMENT - OPERATOR

Candidates Name:	BHPA No:		Da	ate:	
PRACTICAL ELEMENT					
GENERAL TOW UNIT CONTROL Ability to assess conditions Briefing of tow unit crew (as appropriate) Positioning of tow unit for launch Take-off control & understanding During tow, control & understanding Reaction to tensiometer readings Reaction to signals Ability to assess height Landing Control & techniques (PA Round only) Tow line management Ability to cope with varying conditions Tow unit (and ancillary units) management Understanding of suitability of tow unit type	Poor	Fair	Avg	Good	V Good
EMERGENCY PROCEDURES *Reaction to glider getting off line:	Poor	Fair	Avg	Good	V Good
a) glider slowly turning off line i) ground/low level ii) high level					
b) glider rapidly turning off line i) ground/low level ii) high level					
* At least one of these items MUST be completed praduring a perfectly normal tow the assessor declares the operator should respond accordingly). The other the minimum acceptable standard is 'Average'	hat this, that o	r the oth	er is happ	ening to t	he glider and
EQUIPMENT CARE & MAINTAINANCE Ability to repair tow lines Awareness of need to have tensiometer checked reg	Poor □ ularly □	Fair	Avg	Good	V Good
INTERVIEW ELEMENT					
PRE-OPERATIONAL REQUIREMENTS Understanding of who is in charge and why	Poor	Fair	Avg	Good	V Good
DRIVING & EMERGENCIES Importance of all round vision Causes of rotation/lockout Dangers of 'rocket' take off Dangers of too slow a take off Dangers of near stall take off Importance of canopy/glider position relative to tow line Awareness of need to release both line ends in emer		Fair	Avg	Good	V Good

Assessment - Operator					Page 2 of 2
CARE & MAINTENANCE OF EQUIPMENT	Poor	Fair	Avg	Good	V Good
Understanding of breaking loads of line					
Understanding of weakening effects of knots					
Preferred methods of line storage and reasons					
Knowledge of tensiometer hysteresis					
Knowledge of tensiometer calibration/reliability					
Knowledge of serviceability/maintenance of tow unit					
KNOWLEDGE AND UNDERSTANDING					
OF SAFETY REQUIREMENTS	Poor	Fair	Avg	Good	V Good
General					
Tow launch					
Specific bans					
Purpose of weak link					
Permitted weak link values					
FLIGHT SAFETY	Poor	Fair	Avg	Good	V Good
Basic airfield procedure and signals					
Awareness of other sports in close proximity					

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THE CHIEF EXAMINER'S BRIEF

The assessor should read out each point in the relevant section below in turn and satisfy themselves that the newly qualified member is aware of the added responsibilities. They should ensure that they have recorded the details of the qualification in the candidate's Instructor Log Book - the entry must be clear and signed and dated by the Assessor.

To All Successful Candidates:

The Chairman of the Flying and Safety Committee wants you to be made aware of the following points:

- 1. You may only operate, instruct or supervise in the disciplines shown on your licence and in the Licence Extensions section of your Instructor Log Book.
- 2. When acting as a qualified BHPA member you have a DUTY OF CARE towards those whom you are towing, carrying or instructing. Don't be intimidated by anyone to carry out operations or training that you are not happy with; and do not hesitate to cease flying or restrict or repeat exercises.
- 3. Treat every situation as unique students, tows and flights. Be ready for the unexpected and remember that the weather can change dramatically, especially in hilly terrain, near the coast, or in the summer.
- 4. You must comply with the requirements laid down in the BHPA Technical Manual; and you should read, take note and act on all Safety and Training information which may appear in the SKYWINGS magazine, plus any official Safety Notices you may receive.

5. SAFETY REQUIREMENTS, RECOMMENDED PRACTICES AND OPERATING PROCEDURES MUST BE FOL-LOWED.

To Licenced Instuctors gaining an additional Extension:

- 1. You MUST warn all newcomers to the sport about the RISK of injury. It is a sport NOT a fun fair ride.
- 2. Make certain that every student is a BHPA member issue an introductory Membership Certificate or check their BHPA membership card.
- 3. If you're not sure whether to submit an Incident Report, then send it in anyway.
- 4. The issue of your licence means you are considered competent to operate unsupervised and to train students and pilots to all levels within the permitted categories but you still have much to learn.

To newly Licenced Operators:

You may now operate the tow unit providing that there is a suitably qualified Instructor or Tow Coach in charge of the operation.

NOTE:THIS QUALIFICATION (AND THE ATTACHED BENEFITS) IS VALID ONLY WHEN USED WITHIN A REGISTERED BHPA SCHOOL OR CLUB.